

WHAT IS CLAIMED IS:

1. A digital measuring head in a measuring apparatus which measures a work by making a contact element abut to the work, the digital measuring head comprising:
 - an arm supported rotatably around a support point arranged on a base;
 - a finger having the contact element at a tip end and mounted to a tip end portion of the arm; and
 - a scale and a read head, one of which is provided at a rear end portion of the arm and the other of which is arranged on the base,
 - wherein displacement of the contact element which contacts with the work is measured with the scale and the read head.